**INTERREG Va United Kingdom – Ireland (Ireland – Northern Ireland - Scotland) -** Contributing towards Halting the Loss of Biodiversity within the Region - The recovery of habitats and species of EU concern linked to wetland terrestrial habitats – selected sites of interest within Northern Ireland.

**Habitats of EU concern linked to wetland terrestrial habitats.**

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| Key Habitat | Site supporting the feature (Area of habitat within Site in hectares (ha) or intersecting Irish Grid 10km cells) | Key pressures (top 5)  (Adverse reasons/Comments ) |
| N2K feature:  Alkaline Fens **7230** | |  | | --- | | * Meentygrannagh Bog SAC (55.00ha) | | * St. John's Point SAC (27.00 ha) | | * West of Ardara/Maas Road SAC (49.00 ha) | | * Bunduff Lough and Machair/Trawalua/Mullaghmore SAC (67.93 ha) | | * Kilroosky Lough Cluster SAC (2.54ha) | | * River Moy SAC (96 ha) | | * River Boyne and River Blackwater SAC (84.27ha) |   Total – 382.59ha | 1. Diffuse groundwater pollution due to agricultural and forestry activities 2. Abandonment/lack of grazing, 3. Reclamation and water abstractions from groundwater 4. Water abstractions from groundwater |
| N2K feature:  Blanket Bog  **7130** | |  | | --- | | * Croaghonagh Bog SAC (168.72ha) | | * Fawnboy Bog/Lough Nacung SAC (196.65 ha) | | * Gannivegil Bog SAC (678.23 ha) | | * Lough Nillan Bog (Carrickatlieve) SAC (2616.86 ha) | | * Magheradrumman Bog SAC (472.00ha) | | * Meenaguse/Ardbane Bog SAC (16.86 ha) | | * Meentygrannagh Bog SAC (426.56 ha) | | * Slieve League SAC (1002.51 ha) | | * Slieve Tooey/Tormore Island/Loughros Beg Bay SAC (1150.79 ha) | | * West of Ardara/Maas Road SAC (205.58 ha) | | * Cuilcagh - Anierin Uplands SAC (5914.42 ha) | | * Lough Hoe Bog SAC (1182.78 ha) | | * Lough Nabrickkeagh Bog SAC (191.29 ha) | | * Coolvoy Bog SAC (220.99 ha) | | * Dunragh Loughs/Pettigo Plateau SAC (539.16 ha) | | * Arroo Mountain SAC (2170.27 ha) | | * Tamur Bog SAC (1928.80 ha) | | * Ox Mountains Bogs SAC (7304.54 ha) | | * Boleybrack Mountain SAC (1996.66 ha) | | * Cloghernagore Bog and Glenveagh National Park SAC (22548.82 ha) | | * Lough Golagh and Breesy Hill SAC (244.10 ha) | | * River Finn SAC (525.60 ha) * Carlingford Mountain SAC (95.99 ha) | | Total:51798.18ha | | 1. Non intensive sheep grazing 2. Artificial planting non-native trees 3. Mechanical peat removal 4. Burning 5. Natural erosion |
| N2K feature:  Active Raised Bog **7110** | |  | | --- | | * Killyconny Bog (Cloghbally) SAC (3.91 ha) | | * Flughany Bog SAC (1.32 ha) | | * River Moy SAC (20.53 ha)   Total 25.76ha | | 1. Ground water abstraction 2. Artificial planting non-native trees |
| N2K feature:  Hard oligo-mesotrophic waters with benthic vegetation of Chara spp. (Marl lakes) **3140** | |  | | --- | | * Tranarossan and Melmore Lough SAC (0.00 ha) | | * Templehouse and Cloonacleigha Loughs SAC (119.07 ha) | | * Lough Arrow SAC (1245.73 ha) | | * Kilroosky Lough Cluster SAC (11.26 ha) | | * Ballyhoorisky Point to Fanad Head SAC (44.54 ha)   Total 1420.60ha | | 1. Surface water pollution by industrial plants 2. Diffuse pollution to surface water by agricultural and forestry activities 3. Ground water pollution by agricultural and forestry activities 4. Ground water pollution by non-sewered population |
| N2K feature:  Calcareous fens with *Cladium mariscus* and species of the *Caricion davallianae*  **7210** | * Kilroosky Lough Cluster SAC (1.27 ha)   Total 1.27 ha | 1. Abandonment/lack of grazing 2. Diffuse pollution to surface waters due to transport and infrastructure, 3. Reclamation of land 4. Water abstractions from groundwater |
| N2K feature:  Petrifying springs with tufa formation (Cratoneurion) **7220** | |  | | --- | | * Lough Eske and Ardnamona Wood SAC (0.01 ha) | | * Ben Bulben, Gleniff and Glenade Complex SAC (3.67 ha) | | * Cummeen Strand/Drumcliff Bay (Sligo Bay) SAC (0.02 ha) | | * Arroo Mountain SAC (0.87ha)   Total 4.56 ha | | 1. Burning |
| N2K feature:  Transition mires and quaking bogs **7140** | |  | | --- | | * Meentygrannagh Bog SAC (55.00 ha) | | * River Finn SAC (38.50 ha)   Total 93.5 ha | | 1. Peat extraction, 2. Diffuse surface & Groundwater Pollution through agriculture and forestry 3. Reclamation and infilling |

**Species of EU concern linked to terrestrial habitats.**

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| Key Species | Site supporting the feature (area (ha) or IG 10km cell) | Key Pressures |
| N2K feature:  Hen Harrier *Circus cyaneus* / Merlin *Falco columbarius* | * Slieve Beagh SPA (Hen Harrier: H53, H54, H64, Merlin: H64)   Records in 3 x 10km cells | *Circus cynaeus:*   1. Modification of cultivation practices 2. Forest planting on open ground 3. Forest and Plantation management & use   *Falco columbarius:*   1. Modification of cultivation practices 2. Forest planting on open ground |
| N2K feature:  Marsh Fritillary *Euphydryas aurinia*  **1065** | |  | | --- | | * West of Ardara/Maas Road SAC | | * Bricklieve Mountains and Keishcorran SAC | | * Bunduff Lough and Machair/Trawalua/Mullaghmore SAC | | * St. John's Point SAC | | * Gweedore Bay and Islands SAC | | * Sheephaven SAC * Wider countryside Marsh Fritillary sites   (No area figures provided) | | 1. Agricultural intensification 2. Anthropogenic reduction of habitat connectivity |
| N2K feature:  White-clawed Crayfish *Austropotamobius pallipes*  **1092** | |  | | --- | | * Lough Hoe Bog SAC (G31, G41) | | * Bricklieve Mountains and Keishcorran SAC (G70, G71) | | * Kilroosky Lough Cluster SAC (H42) | | * Glenade Lough SAC (G84) | | * Lough Gill SAC (G73, G83, G84) | | * Lough Nageage SAC (H17) | | * River Moy SAC (G41)   Records in 9 x 10km cells | | 1. Invasive non-native species 2. Introduction of disease (microbial pathogens) |
| N2K feature: N/A  Breeding wader\* assemblage | |  | | --- | | * Sheskinmore (L/S: G69, G79) | | * Magheragallon (L/R/S: B72, B82) | | * Gola (L/R/S: B72) | | * Falcarragh (L/R/S: B93) | | * Dunfanaghy (L/R/S: B93, C03) | | * Rosepenna Saltings (L/R/S: C13) | | * Rinmore (L: C14, C24, S:C14) | | * Rinboy (L: C14, C24, S:C14) | | * Tory Island SPA (L/R/S: B84) | | * Inishbofin, Inishdooey and Inishbeg SPA (L: B83) | | * Inch (L/R/S: C32) * Tranarossan (L: C14, C24, S: C14) | | Previous HELP agreement areas   * Bunduff (L/S: G69, G79) * Drumnawooa - Bullaba River (S: C01) * Knockletteragh - Glashagh River (C: G99) * Meenanilta - Cloghroe River (S: C10) * Meenasrona - Elatagh River (no 10km cell) * Turk (S: C43) (no 10km cell) | | 1. Renewable abiotic energy use (M\*) 2. Outdoor sports and leisure activities, recreational activities (M\*) 3. Changes in abiotic conditions (M\*)   \* No High pressures reported. (M) = Medium ranked pressures |
| N2K feature:  Golden Plover *Pluvialis apricaria -* Breeding sites | |  | | --- | | * Derryveagh And Glendowan Mountains SPA (B91, B92) | | * Lough Nillan Bog SPA (G78, G99)   Records in 4 x 10km cells | | 1. Grazing 2. Forest planting on open ground 3. Mining and quarrying 4. Fire and fire suppression 5. Interspecific faunal relations |
| Corncrake *Crex crex* | |  | | --- | | * Tory Island SPA (B84) | | * Inishbofin, Inishdooey and Inishbeg SPA (B83) | | * Malin Head SPA (C45) | | * Fanad Head SPA (C24) | | * Falcarragh to Meenlaragh SPA (B83, B93) | | * West Donegal Islands SPA (B72)   Records in 6 x 10km cells | | 1. Intensive mowing or intensification 2. Intensive grazing   Flooding and rising precipitations |
| Red Grouse *Lagopus lagopus* | * Boleybrack Mountain SAC (G83, G92, G93, H03)   Records in 4 x 10km cells | Pressures not reported Art12 2013 |
| Dunlin | * Derryveagh And Glendowan Mountains SPA (B93) * Lough Nillan Bog SPA (no 10km cell)   Records in 1 x 10km cell | 1. Modification of cultivation practices 2. Mowing / cutting of grassland 3. Grazing 4. Fertilisation 5. Interspecific faunal relations |

\* Breeding waders – C) Curlew *Numenius arquata*, L) Lapwing *Vanellus vanellus*, R) Redshank *Tringa totanus* & S) Snipe *Gallinago gallinago*

NB – this list represents the core area of each of the habitat and species. There may be other areas which are central to the ecological functioning of the habitat (and supported species) and may be considered as part of a habitat / species project or part of a Region Wide project.

Data sources:

* Designations data (SAC, SPA) provided by NPWS GIS Unit: 8/1/2015 in Irish Grid (data extracted October 2014) and clipped to the coastline to include terrestrial fraction only. (Note some minor discrepancies in designations boundaries with county boundaries along border were identified).
* Additional spatial data for Breeding Wader areas provided by Birdwatch Ireland (2015)
* Natura 2000 Database extract on SACs and associated QIs (Global Assessments A, B or C) from October 2014 (1810\_N2KD14\data\submission\_2014\_Access)
* Habitats data is that prepared for Article 17, 2013 reporting for the period Jan 2007 to Dec 2012, unless otherwise stated, clipped to Irelands HWM.
* Key pressures on features as reported for Art17, 2013 (as per Natura2000 reference list, high rank pressures only). These are national pressures, but based on site surveillance report of designated sites and national monitoring surveys. For bird species these are based on Article 12, 2013
* Note that area estimates for habitats are based on available habitat spatial data within the SAC network for the features of interest.
* Pressures descriptions are from EU reference list on threats, pressures and activities, as used for Article 17 Habitats Directive, Article 12 Birds Directive and Natura 2000 SDF reporting (see <http://bd.eionet.europa.eu/activities/Natura_2000/reference_portal>).